

Cybersecurity – Moorhead Campus
Associate of Applied Science 60 Credits
Fall 2019

Student:
Advisor:

Semester 1 Recommendations

Course	Course Title	Credits	Completed/Notes
ENGL1101	College Writing 1		
COMM1120	Introduction to Public Speaking		
CSCI1110	Informatics		
CPTR1106	Microcomputer Databases		
CPTR1122	Microcomputer Maintenance		

Semester 2 Recommendations

Course	Course Title	Credits	Completed/Notes
CPTR1001	Intro to Programming and Scripting		
CPTR1108	Cisco 1		
CPTR2272	Network Operating Systems		
Tech Elective	The list of approved technical electives is below.		
MnTC Elective			

Semester 3 Recommendations

Course	Course Title	Credits	Completed/Notes
CPTR2224	Linux 1		
CPTR1118	Cisco 2		
CSEC2204	Managing Directory Services		
HUM 2236	Technology in the Humanities		
MnTC Elective			

Semester 4 Recommendations

Course	Course Title	Credits	Completed/Notes
CSEC2210	Security Breaches & Countermeasures		
CPTR2245	Enterprise Network Technologies		
CPTR2236	Network Security*		
CSEC2228	Network Defense		
Tech Elective	The list of approved technical electives is below.		

Notes:

* Student must complete CPTR 2272 Network Operating System before registering for this class.

Technical Elective list

CPTR1170 - Web Engineering I	CPTR2260 - Advanced Structured Query Language
CPTR1178 – Robotics	CPTR2294 – Internship
CPTR2200 - CISCO 3	CPTR2296 - Topics in Computers
CPTR2208 - CISCO 4	CSCI1121 - Computer Science I
CPTR2230 - Structured Query Language	CSCI1122 - Computer Science II
CPTR2234 - Linux II	CSEC2212 - Web Security
CPTR2250 - IT Supervised Occupational Experience	CVNP2212 - Voice Over IP and IP Telephony

Web Sites:

<http://www.minnesota.edu>
<http://brazil.minnesota.edu>

MSUM Operations and Project Management MnTC Class Recommendations

CHEM 1100 – Fundamental Concepts of Chemistry or	MATH 1213 – Introduction to Statistics
PHYS 1105 – Fundamental Concepts in Physics	
ECON 2222 – Microeconomics	
MATH 1114 – College Algebra	